

Amendments to the Claims:

This listing of the claims replaces all prior versions of the claims in the application:

Listing of claims:

1. (currently amended) A medical device ~~having improved echogenic properties comprising:~~
a parabolic surface ~~incorporated into said device, wherein said parabolic surface defines~~
defining a gas-filled body chamber; and
a radioisotopic component inside the body chamber and separated from the parabolic
surface in at least one location by a gap, the said medical device having a
proximal and a distal end, and the medical device being adapted for implantation
into a live body.
2. (canceled)
3. (currently amended) The device of claim 2~~1~~, wherein the said radioisotopic component comprises ^{26}Al , ^{198}Au , ^{115}Cd , ^{137}Cs , ^{125}I , ^{192}Ir , ^{40}K , ^{32}P , ^{103}Pd , ^{86}Rb , ^{123}Sn , ^{89}Sr , ^{90}Sr , ^{125}Te , ^{90}Y , ^{91}Y , ^{169}Yb or a combination of these thereof.
4. (currently amended) The device of claim 3, wherein the said radioisotopic component comprises ^{125}I or ^{103}Pd .
5. (currently amended) The device of claim 1, wherein the said device comprise at least one spacer element connected to the said body chamber.
6. (original) The device of claim 1, further comprising a plurality of spacer elements.
7. (currently amended) The device of claim 5, comprising at least one spacer element at the said proximal end of the said device.

8. (currently amended) The device of claim 5, comprising at least one spacer element at the said distal end of the said device.
9. (currently amended) The device of claim 6, comprising at least one spacer element at the said proximal end and at least one spacer element at the said distal end of the said device.
10. (currently amended) The device of claim 5, further comprising a plurality of parabolic surfaces, each ~~said~~ parabolic surfaces defining a body chambers.
11. (currently amended) The device of claim 10, wherein one ~~said~~ body chamber is connected to a spacer element; that ~~wherein said spacer element~~ is connected to at least a second body chamber.
12. (currently amended) The device of claim 1, further comprising a contrast material inside the said body chamber.
13. (currently amended) The device of claim 5, the said spacer element further comprising a contrast material.
14. (currently amended) The device of claim 13, wherein the said contrast material is silver, gold, or tungsten.
15. (currently amended) The device of claim 13, wherein the said contrast material is adapted for nuclear magnetic imaging.
16. (currently amended) The device of claim 13, wherein the said contrast material is adapted for radiographic imaging.

17. (currently amended) The device of claim 5, further comprising a docking guide operatively attached to the said spacer element or to the said body chamber wherein the said docking guide is at the proximal end of the said device.
18. (currently amended) The device of claim 17, wherein the said docking guide is configured to accept a radioactive source or a spacer.
19. (currently amended) The device of claim 17, wherein the said docking guide comprises a flexible joint.
20. (currently amended) The device of claim 17, wherein the said docking guide comprises a non-locking docking port.
21. (currently amended) The device of claim 1, wherein the device ~~said parabolic surface~~ has a density of between 0.5 and 1.5 g/ml.
22. (currently amended) The device of claim 1, wherein the device ~~said parabolic surface~~ has a density of between 0.8 and 1.2 g/ml.
23. (currently amended) The device of claim 1, wherein the device ~~said parabolic surface~~ has a density of between 0.9 and 1.1 g/ml.
24. (canceled)
25. (currently amended) The device of claim 1, wherein the said device comprises one or more synthetic polymers.
26. (currently amended) The device of claim 25, wherein the said polymer is selected from the group consisting of liquid crystal polymer (LCP), Teflon, carboxylic polymers, polyacetates, polyacrylics, polyacrylamides, polyamides,

polyvinylbutyrals, polycarbonates, polyethylenes, polysilanes, polyureas, polyurethanes, polyethers, polyesters, polyoxides, polystyrenes, polysulfides, polysulfones, polysulfonides, polyvinylhalides, pyrrolidones, rubbers, and thermal-setting polymers.

27. (currently amended) The device of claim 26, wherein the ~~said~~ polymer is LCP.
28. (currently amended) The device of claim 27, wherein the ~~said~~ LCP is an extruded LCP.
29. (currently amended) The device of claim 1, wherein the ~~said~~ device comprises a material selected from the group consisting of albumin, cellulose, cellulose derivatives, gelatin, and gut.
30. (currently amended) The device of claim 1, wherein the ~~said~~ device comprises one or more metals.
31. (currently amended) The device of claim 30, wherein the ~~said~~ metal is titanium.
32. (currently amended) The device of claim 5, wherein the ~~said~~ device is adapted to monitor the positioning of the ~~said~~ radioisotopic component in a patient.
33. (currently amended) The device of claim 1, further comprising ~~wherein said body chamber defines~~ one or more voids, bubbles or channels.
34. (currently amended) The device of claim 33, wherein each ~~said~~ void is between 0.1 mm and 0.9 mm in length.
35. (currently amended) The device of claim 34, wherein each ~~said~~ void is about 0.5 mm in length.

36. (original) The device of claim 34, comprising 1 – 10 voids.
37. (original) The device of claim 36, comprising 1 void.
38. (currently amended) The device of claim 33, wherein each ~~said~~ bubbles are between 0.001 and 0.1 mm in diameter.
39. (currently amended) The device of claim 38, wherein each ~~said~~ bubbles are about 0.01 mm in diameter.
40. (currently amended) The device of claim 33, wherein each ~~said~~ channels are between 0.001 and 0.1 mm in diameter.
41. (currently amended) The device of claim 40, wherein each ~~said~~ channels are about 0.01 mm in diameter.
42. (currently amended) The device of claim 40, wherein each ~~said~~ channels spiral at approximately 45° to the long axis.
43. (canceled)
44. (canceled)
45. (currently amended) The device of claim 44, wherein the ~~said~~ device is adapted for use in brachytherapy.
- 46-64. (canceled)